

ANSWER 6 OF 8 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

DUPLICATE 4

AN 1997:111102 BIOSIS
DN PREV199799410305
TI DELTA-IK17: An antigen expressed on human lymphocytes.
AU Sotiriadou, R.; Kokkinopoulos, D.; Stinios, J.; Dimas, C.; Trangas, T.;
Perez, S. [Reprint author]
CS Dep. Immunol., Hellenic Anticancer Inst., 171 Alexandras Ave., 11522
Athens, Greece
SO International Journal of Biological Markers, (1996) Vol. 11, No. 4, pp.
183-189.
CODEN: IBMAEP. ISSN: 0393-6155.
DT Article
LA English
ED Entered STN: 10 Mar 1997
Last Updated on STN: 10 Mar 1997
AB Anti-DELTA-IK17 monoclonal antibody was produced by fusing
SP2/O/Ag14 myeloma with spleen cells of BALB/c mice immunized with normal
human thymocytes. a DELTA-IK17 antibody recognizes a 44 kD cell
surface protein detected on human lymphocytes. DELTA-IK17 is
expressed on human thymocytes, CD4+ and CD8+ T cell subsets, B, NK cells,
as well as on activated cells. The antigen is detected on cells during
the early, intermediate and late stages of lymphocyte maturation. In
addition the expression of the antigen is correlated with ontogenesis. A
T+ DELTA-IK17+ subpopulation responded poorly to TPA stimulation
and provided a better helper signal for PWM-induced IgM synthesis than T+
DELTA-IK17-cells. In addition, different levels of DELTA-
IK17 expression were detected in several hematological diseases
tested.
CC Cytology - Human 02508
Biochemistry studies - Proteins, peptides and amino acids 10064
Blood - Lymphatic tissue and reticuloendothelial system 15008
Immunology - Immunopathology, tissue immunology 34508
IT Major Concepts
Biochemistry and Molecular Biophysics; Blood and Lymphatics (Transport
and Circulation); Cell Biology; Clinical Endocrinology (Human Medicine,
Medical Sciences)
IT Miscellaneous Descriptors
BIOCHEMISTRY AND BIOPHYSICS; BLOOD AND LYMPHATICS; DELTA-DIK17 ANTIGEN;
IMMUNE SYSTEM; LYMPHOCYTES
ORGN Classifier
Hominidae 86215
Super Taxa
Primates; Mammalia; Vertebrata; Chordata; Animalia
Organism Name
human
Taxa Notes
Animals, Chordates, Humans, Mammals, Primates, Vertebrates